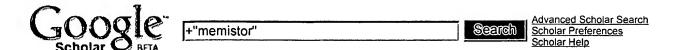
EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	memistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 20:25
L2	0	memistor and nanotechnology	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 20:25
L3	3261	nanotechnology	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2006/04/03 20:25
L4	87	nanotechnology and (neural adj networks)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 20:30
L5	10	nanotechnology and (neural adj networks) and hebbian	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 20:25



Scholar

Results 1 - 10 of about 29 for +"memistor". (2.35 seconds)

Solid-state thin-film memistor for electronic neural networks - group of 3 »

S Thakoor, A MOOPENN, T DAUD, AP THAKOOR - Journal of Applied Physics, 1990 - adsabs.harvard.edu
Title: Solid-state thin-film memistor for electronic neural networks Authors: Thakoor,
S.; Moopenn, A.; Daud, T.; Thakoor, A. P. Affiliation: AA(JPL, Pasadena ...

Cited by 1 - Web Search

[CITATION] Fabrication and Performance of the Solid-state Thin Film Memistor G Shen, J Ou, Z Li - VACUUM SCIENCE AND TECHNOLOGY, 1998 - Web Search - BL Direct

SESSION IX: Functional Components

PR Low - ieeexplore.ieee.org
... material. The first of these devices, the **memistor**', consists of conductive substrate, insulated connecting leads, and a metallic ...
Web Search

VLSI Implementations of Threshold Logic-A Comprehensive Survey - group of 8 » V Beiu, JM Quintana, MJ Avedillo - IEEE TRANSACTIONS ON NEURAL NETWORKS, 2003 - ieeexplore.ieee.org

... They used an electrically adjustable resistor called a **memistor**. Widrow also founded the first neurocomputer hardware company, **Memistor** ... Cited by 31 - Web Search - BL Direct

E1. 4 Digital integrated circuit implementations - group of 7 »

V Beiu - Handbook of neural computation - jaguar.eecs.wsu.edu ... C1.1.3 madaline. They used a type of electronically adjustable resistor called a memistor. ... C1.1.4 the first neurocomputer company: the Memistor Corporation. ... Cited by 1 - View as HTML - Web Search

固态薄膜可重编程的模拟可变电阻存储器的制造和性能 - group of 3 »

申功烈, 欧军-真空科学与技术, 1998-维普资讯

... 鞯闹圃旌托阅?95 变电阻存储器(memistor)构成早期应用的一

个实例是由液态电介质的电化学元件构成_J . 1 - ...

Web Search

Threshold logic implementations: The early days - group of 4 »

V Beiu - Proc. IWANN'03 - jaguar.eecs.wsu.edu

... They used an electrically adjustable resistor called a **memistor**, also founding the first neurocomputer hardware company: **Memistor** Corporation, producing ... Cited by 4 - Web Search

Die technische Implementierung neuronaler Netzwerke - group of 7 »

R Männer - informatik.uni-mannheim.de

... Das entsprechende Bauelement, der "Memistor" (Abb. ... 1.5 in [6]). Abb. 6: Der Memistor, ein miniaturisierter variabler Widerstand (Fig. 8.12 aus [6]). ...
View as HTML - Web Search

A survey of perceptron circuit complexity results - group of 5 »

V Beiu - Intl. Joint Conf. Neural Networks IJCNN'03, 2003 - eecs.wsu.edu
... VLSI implementations of TLGs). The earliest examples are Mark I Perceptron, built by Rosenblatt (1957-1958), and Widrow's memistor (1960). ...

Cited by 9 - View as HTML - Web Search

Optimal practical adders using perceptrons - group of 5 »

M Sulieman, V Beiu - Intl. Conf. Neural Networks and Signal Proc. ICNNSP'03, 2003 - moab.eecs.wsu.edu ... Still, TLGs have rarely been used in practice. The earliest examples are Mark I Perceptron, built by Rosenblatt (1957–1958), and Widrow's memistor (1960). ... Cited by 2 - View as HTML - Web Search

Google >

Result Page: 1 2 3

+"memistor"

Google Home - About Google - About Google Scholar

©2006 Google



+"memistor" +"frequency"

Search Scholar Search Scholar Preferences Scholar Help

Scholar

Results 1 - 6 of 6 for +"memistor" +"frequency". (2.48 seconds)

Tip: Try removing quotes from your search to get more results.

Optimal Practical Perceptron Addition Application to Single Electron Technology - group of 2 » V Beiu, M Sulieman - Proceedings of VLSI-04, 2004 - eecs.wsu.edu ... commercial products. The earliest examples are Rosenblatt's Mark I Perceptron (1957-8), and Widrow's memistor (1960). More recently ...

Web Search

E1. 4 Digital integrated circuit implementations - group of 7 »

V Beiu - Handbook of neural computation - jaguar.eecs.wsu.edu ... C1.1.3 madaline. They used a type of electronically adjustable resistor called a memistor. ... C1.1.4 the first neurocomputer company: the Memistor Corporation. ... Cited by 1 - View as HTML - Web Search

Analog electronic neural network circuits - group of 4 »

HP Graf, LD Jackel - IEEE Circuits and Devices Magazine, 1989 - ieeexplore.ieee.org

Page 1 conn.ctlon from ,I.urosl I 000n.Ctlonu to oth.r Moron. Inpul P'
output Pf.urOfl I 44 8755-3996/89,0700-0044\$1 00 © 1989 ...

Cited by 31 - Web Search

DESIGN AND ANALYSIS OF SINGLE-ELECTRON TECHNOLOGY NEURAL-INSPIRED GATES AND ARITHMETIC CIRCUITS

MH SULIEMAN - 2004 - eecs.wsu.edu ... commercial products. The earliest examples are Mark I Perceptron, built by Rosenblatt (1957–1958), and Widrow's memistor (1960). ... Cited by 2 - Web Search

Implementing Neural Hardware With on Chip Training on Field Programmable Gate Arrays

D Braendler - ciscp.bsee.swin.edu.au

Page 1. Implementing Neural Hardware with On Chip Training on Field Programmable Gate Arrays David Baendler A Thesis presented for the ...

Cited by 2 - View as HTML - Web Search

Analog VLSI neural networks: implementation issues and examples in optimization and supervised ... - group of 2 »

SP Eberhardt, R Tawel, TX Brown, T Daud, AP ... - IEEE Transactions on Industrial Electronics, 1992 - ieeexplore.ieee.org

Page 1 0278-0046/92\$03.00 © 1992 IEEE 552 IEEE TRANSACTIONS ON INDUSTRIAL

ELECTRONICS, VOL. 39, NO.6, DECEMBER 1992 Analog VLSI ...

Cited by 5 - Web Search - BL Direct

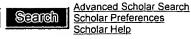
+"memistor" +"frequency"	Search
--------------------------	--------

Google Home - About Google - About Google Scholar

©2006 Google



+"neural networks" +"nanotechnology" +"hebb



Scholar Results 1 - 10 of about 50 for +"neural networks" +"nanotechnology" +"hebbian". (2.07 seconds)

Self-Organizing Maps - group of 9 »

T Kohonen... - SPRINGER SERIES IN INFORMATION SCIENCES, 1997 - portal.acm.org ... a general class of **Hebbian** models, Neural ... a case study in the **nanotechnology** domain, Proceedings ... architecture, Self-Organizing **neural networks**: recent advances ... Cited by 4925 - Web Search - Library Search - BL Direct

Neural nets using SET technology - group of 2 »

E Rouw, R van de Haar, AHM van Roermund, R Klunder ... - Proc. ProRISC/IEEE Workshop Circuits, Systems, and Signal ... - duteela.et.tudelft.nl

... Adaptations for Nanotechnology McCulloch and Pitts neurons ... is impossible when neural networks consist of over a ... learning algorithms like Hebbian learning rules ... Cited by 2 - View as HTML - Web Search

Spike Correlation Based Learning For Unsupervised Neural Lattice Structures - group of 2 » E Rouw, J Hoekstra, AHM Van Roermund - IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, 2001 - ieeexplore.ieee.org

... Figure 4: Classical conditioning (a) and **Hebbian** learning using a ... One of the similarities between biological **neural networks** and **nanotechnology** is their ... Cited by 1 - Web Search - BL Direct

Spike time/frequency correlation based learning for unsupervised neural lattice structures - group of 3 »

E Rouw, A van Roermund, J Hoekstra - stw.nl

... Fig. 5. Classical conditioning (a) and **Hebbian** learning using a ... One of the similarities between biological **neural networks** and **nanotechnology** is their ... View as HTML - Web Search

CrossNets: possible neuromorphic networks based on nanoscale components - group of 3 »

O Tuerel, K Likharev - International Journal of Circuit Theory and Applications, 2003 - doi.wiley.com ... Neuromorphic (or 'neural') networks [5–10] with their high parallelism and intrinsic redundancy look like a perfect application for SET devices. ... Cited by 22 - Web Search - BL Direct

Neural Networks in Teletraffic Control: Pro et Contra? - group of 2 »

BD Reljin, IS Reljin - Telecommunications in Modern Satellite, Cable and ..., 1999 - ieeexplore.ieee.org ... Neural Networks in Teletraffic Control: Pro et Contra? ... Keywords - Neural networks, teletraffic, communication networks, fractallmultifractal traffic. ... Web Search

CrossNets: Neuromorphic Networks for Nanoelectronic Implementation - group of 2 »

O Tuerel, K Likharev - ICANN, 2003 - rsfq1.physics.sunysb.edu ... Simulations show that, similarly to the non-**Hebbian** case [8, 9], an ... **Nanotechnology** 12 (2001) 91-95 8. Fölling, S., Türel, Ö., Likharev ... on **Neural Networks**. ... Cited by 1 - View as HTML - Web Search - BL Direct

<u>CrossNets: Neuromorphic Networks for Nanoelectronic Implementation</u>

O Kaynak... - Springer

... Simulations show that, similarly to the non-Hebbian case [8, 9 ... Nanotechnology 12 (2001) 91 – 95 8. Fölling, S., Türel, Ö., Likharev, KK ... on Neural Networks. ...

Web Search

Quantum coherence in microtubules: A neural basis for emergent consciousness SR Hameroff - Journal of Consciousness Studies, 1994 - ingentaconnect.com ... helped to lead the way to artificial **neural networks**« (ANNs«) √ parallel ... by a postulated fast (ten to hundreds of milliseconds) **Hebbian** synaptic modulation ... Cited by 113 - Web Search

[воок] Thinking in complexity: the computational dynamics of matter, mind, and mankind - group of 2 »

K Mainzer - 2004 - books.google.com

... Nanotechnology with new materials, aswell as articial life and artificial ... The 7th IEEE International Workshop on "Cellular Neural Networks and Their ... Cited by 106 - Web Search - Library Search

Gooooogle ▶

Result Page:

1 2 3 4 5

Next

+"neural networks" +"nanotechnolog

(Search)

Google Home - About Google - About Google Scholar

©2006 Google